

ORIGINAL

LAMBERT AND ANTHONY
MEDIUM WAVE TRANSMITTING ANTENNAS
2613 CRAIG AVENUE
CONCORD, NORTH CAROLINA 28027

JUSTINE HOPE LAMBERT
YORK DAVID ANTHONY

FCC MAIL SECTION
TELEPHONE (704) 786-8874

DEC 2 1 53 PM '91

RECEIVED

22 November 1991

Ms. Donna Searcy, Secretary
Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

RE: NEW FM, Winston Salem, NC
Triad Family Network, Inc.
BPED-910227MD Channel 207C3

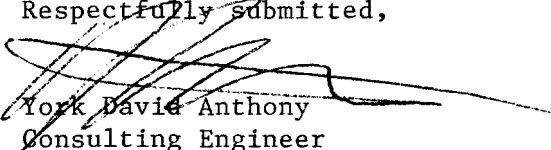
Honourable Secretary

Transmitted herewith in triplicate on behalf of Triad Family Network, Inc. is an original and two copies of supplementary material to be associated with the above captioned application.

This material is provided to notify the FM Branch that the AM Branch has received the requested update in site coordinates for WBFJ(AM) Winston-Salem, North Carolina, and that the two stations (WBFJ and the NEW FM herein) now have the same site coordinates.

Should there be enquiry please direct it to the undersigned.

Respectfully submitted,


York David Anthony
Consulting Engineer
Triad Family Network, Inc.

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DEC 06 1991
FM EXAMINERS

Section V-A - AM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

WORD OF LIFE BROADCASTING COMPANY, INCORPORATED (WBFJ)

1. Purpose of Application: (check all appropriate boxes)

☐ Construct new station☒ Make changes in authorized/existing stationCall Sign W B F J☐ Principal authorized/licensed community☐ Frequency☐ Hours of operation☐ Power☐ Transmitter location☐ Main studio location☐ Antenna system/including increase in height by addition of FM or TV antenna☐ New antenna construction☐ Alteration of existing structure☐ Increase height☐ Decrease height☐ Non-DA to DA☐ DA to Non-DA☒ Other (Summarize briefly the nature of the changes proposed)

CORRECT SITE COORDINATES

2. Principal community to be served:

State NC	County FORSYTH	City or Town WINSTON SALEM
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3. Facilities requested:

Frequency: 1 5 5 0 kHzHours of Operations CLASS II-SPower: Night: ----- kW Day: 1.0 kW Critical hours 1.0 kW

4. Transmitter location:

State NC	County FORSYTH	City or Town WINSTON SALEM
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Exact antenna location (street address). If outside city limits, give name of nearest town and distance (in kilometers), and direction of antenna from town.

1249 TRADE STREET, WINSTON SALEM NC 27101

Geographical coordinates (to nearest second). For directional antenna give coordinates of center of array. For single vertical radiator give tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	36°	06'	33"	Longitude	80°	14'	44"
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5. Is the proposed site the same transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission? ☒ Yes ☐ No

If Yes, indicate call sign or application file number: WPIP-AM Winston Salem, NEW FM, Winston Salem NC
BPED-910227 MD

6. Antenna system (including ground or counterpoise system) ON FILE - NO CHANGE (CORRECT COORDINATES ONLY)

Non-Directional ☒ Day ☐ Night ☐ Critical Hours

Estimated efficiency _____ mV/m per kW at one kilometer

If antenna is either top loaded or sectionalized, describe fully in an Exhibit
 (include apparent electrical height.)

Exhibit No.

- Directional ☐ Day only (DA-D) ☐ Night only (DA-N)
☐ Same constants and power day and night (DA-1)
☐ Different constants and/or power day and night (DA-2)
☐ Different constants and/or power day, critical hours and night (DA-3)

Submit complete engineering data in accordance with 47 C.F.R. Section 73.150 for each Directional antenna pattern proposed.

Type of feed circuits (excitation) ☐ Series Feed ☒ Shunt Feed ☐ Other (explain)

TOWERS (in meters, rounded to nearest meter)	1	2	3	4	5	6
Overall height of radiator above base insulator, or above base, if grounded	46					
Overall height above ground (include obstruction lighting)	46					
Overall height above mean sea level (include obstruction lighting)	309					

If additional towers, attach information exactly as it appears above.

7. Has the FAA been notified of the proposed construction? ☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.
EE

Date MARCH 21, 1991 Office where filed ATLANTA, GEORGIA

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8. List all landing areas within 8 kilometers of antenna site. Give distances and direction to the nearest boundary of each landing area from the antenna site.

	Landing Area	Distance (km)	Direction
(a)	SMITH REYNOLDS REGIONAL A/P	3.3	37.2°
(b)			
(c)			

15. Allocation Studies

NOT PROVIDED - NO CHANGE IN ALLOCATION
COORDINATE CORRECTIONS ONLY

A. Daytime (For assistance, see 47 C.F.R. Section 73.371)

- (1) For daytime operation, attach as an exhibit map(s) having appropriate scales, showing the 1000, 5, 2 and 0.5 (0.1 if Class I station) daytime contours in mV/m for both existing and proposed operations. On the map(s) showing the 5 mV/m contours CLEARLY INDICATE THE LEGAL BOUNDARIES OF THE PRINCIPAL COMMUNITY TO BE SERVED.

Exhibit No.

- (2) Does the daytime 5 mv/m contour encompass the legal boundaries of the principal community to be served?

☐ Yes ☐ No

If No, attach as an Exhibit a justification for waiver of 47 C.F.R. Section 73.24(j).

Exhibit No.

- (3) For daytime operation, attach as an Exhibit an allocation study utilizing Figure M-3 (Figure R-1 47 C.F.R. Section 73.190) or an accurate full scale reproduction thereof and using pertinent field strength measurement data where available, a full scale exhibit of the entire pertinent area to show the following:

Exhibit No.

(a) Normally protected and the interfering contours for the proposed operation along all azimuths.

(b) Normally protected and interfering contours of existing stations and other proposed stations in pertinent areas with which prohibited overlap would result as well as those existing stations and other proposals which require study to clearly show absence of prohibited overlap. If prohibited overlap were to occur as a result of the proposal, appropriate justification for waiver of 47 C.F.R. Section 73.37 is to be included.

(c) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers, and operating or proposed facilities.

(d) Properly labeled longitude and latitude degree lines, shown across entire Exhibit.

- (4) For daytime operation, attach as an Exhibit a tabulation of the following:

Exhibit No.

(a) Azimuths along which the groundwave contours were calculated for all stations or proposals shown on allocation study exhibits required by (3)(a).

(b) Inverse distance field strength used along each azimuth.

(c) Basis for ground conductivity utilized along each azimuth specified in (4)(a). If field strength measurements are used, the measurements must be either submitted or be properly identified as to location in Commission's files.

(d) Calculated distances.

B. Critical Hours (If applicable, see 47 C.F.R. Section 73.187)

- (1) For critical hour operation, attach as an Exhibit map(s) having appropriate scales, showing the 1000, 5 and 0.5 critical hours contours in mV/m for both existing and proposed operations. On the map(s) showing the 5 mV/m contours CLEARLY INDICATE THE LEGAL BOUNDARIES OF THE PRINCIPAL COMMUNITY TO BE SERVED.

Exhibit No.

- (2) Does the critical hours 5 mV/m contour encompass the legal boundaries of the principal community to be served?

☐ Yes ☐ NoExhibit No.

NOT PROVIDED - NO CHANGE IN ALLOCATION
COORDINATE CORRECTION ONLY

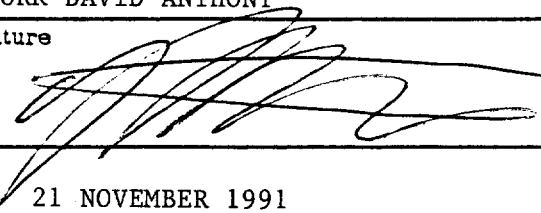
C. Nighttime. (For assistance, see 47 C.F.R. Section 73.1821)

(1) For nighttime operation, attach as an Exhibit map(s) having appropriate scales.

Exhibit No.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name <i>(Typed or Printed)</i>	Relationship to Applicant <i>(e.g., Consulting Engineer)</i>
YORK DAVID ANTHONY	CONSULTING ENGINEER
Signature 	Address <i>(Include ZIP Code)</i> 2613 CRAIG AVENUE CONCORD NC 28027
Date 21 NOVEMBER 1991	Telephone No. <i>(Include Area Code)</i> (704) 786 8874

SECTION VII - CERTIFICATION (Page 5)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant WORD OF LIFE B/CING CO, INC	Signature <i>Phillip T. Watson</i> s/ Phillip T. Watson
Date 11/22/91	Title <i>P. T. Watson</i> PRESIDENT


ENGINEERING STATEMENT

At the request and on the behalf of Word of Life Broadcasting Co, Inc, (WBFJ) and Michael B. Gliner (WPIP), both of Winston-Salem, North Carolina, I have been requested to prepare FCC Form 301 with attending exhibits in support of a minor change application. The purpose of this application is to correct these two AM stations which share a common tower with an FM proposal at Winston-Salem, NC (BPED-910227MD) as to site coordinates.

My qualifications as an electrical engineer are a matter of public record with the Commission.

1. On February 27, 1991 this office tendered an FM application on behalf of the Triad Family Network, Incorporated seeking channel 207C3 at Winston-Salem North Carolina utilising the WBFJ tower. This application was accepted for filing and carries the file number BPED-910227MD. FAA concurrence was also sought and granted on March 10, 1991. A copy of this FAA concurrence appears overleaf.

2. In determining the FM coordinates this office used the best available method under the "hard look" processing guidelines of the FM Branch. A full size reproduction of this map appears in the FM application. The site coordinates obtained were 36-06-33 and 80-14-44. In issuing a Determination of No Hazard

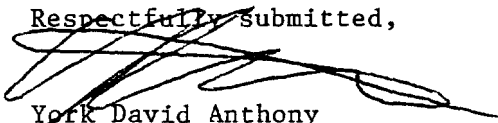


7. It is believed that the RFR biohazard situation is equivalent in scope to the FCC Contingency One in Mimeo 2278 and that during normal operation there would be no possibility of biohazard exposure to workers or the general public. Occupational exposure will be eliminated by the methods in Paragraph 6.

8. FAA clearance has been obtained and appears overleaf.

It is believed that this application is complete and correct in all respects. Should there be inquiry please direct it to the undersigned.

Respectfully submitted,



York David Anthony
Consulting Engineer
WPIP(AM) Winston-Salem, NC
WBFJ(AM) Winston-Salem, NC
Triad Family Network, Inc (BPED-910227A0)

This, the 22nd day November, 1991



US Department

Southern Region

P. O. Box 20838